Claims Listing

1-9. (canceled)

10. (currently amended) A composition comprising

an extruded blend of

- a) an organic material which is susceptible to oxidative, thermal or light-induced degradation, and
- b) at least one compound of the formula I

$$R_{1}-X_{1}-O = \begin{bmatrix} O & R_{5} & R_{7} & O \\ C & C & R_{6} & R_{8} & R_{8} \end{bmatrix} = \begin{bmatrix} O & R_{7} & O \\ C & C & C & C \\ R_{6} & R_{8} & R_{8} & C & C \end{bmatrix}$$
(I)

wherein

$$R_0$$
 is $\overset{\displaystyle \stackrel{R_3}{\underset{l}{\stackrel{1}{\sim}}}}{\underset{R_4}{\overset{1}{\sim}}}$, -O-, -S-, -SO-, -SO_2- or $\overset{\displaystyle \stackrel{O}{\underset{l}{\stackrel{1}{\sim}}}}{\underset{R_4}{\overset{1}{\sim}}}$,

 R_1 and R_2 are each independently -(CF₂)_pF, wherein p is 4 to 15,

R₃ and R₄ are each independently of the other hydrogen, a fluorine containing group, C₁-C₁₂alkyl,

phenyl or
$$\begin{array}{c} O \\ C \\ C \\ C \\ C \end{array}$$

or R_3 and R_4 , together with the carbon atom to which they are bonded, form a C_5 - C_8 -cycloalkylidene ring that is unsubstituted or substituted by from 1 to 3 C_1 - C_4 alkyl groups; R_5 , R_6 , R_7 and R_8 are each independently of the other hydrogen, C_1 - C_{12} alkyl or C_3 - C_{12} alkenyl,

 \dot{X}_1 and X_2 are each independently of the other a direct bond or C_1 - C_{12} alkylene, m is 1 to 10'000, and n is 0 to 10'000; and

where the organic material is polyester, polyacrylate, polymethacrylate or polypropylene.

11. (canceled)

12. (canceled)

- **13.** (original) A composition according to claim **10** wherein component (b) is present in an amount of from 0.1 to 20 %, based on the weight of component (a).
- **14. (original)** A composition according to claim **10**, comprising in addition, besides components (a) and (b), further additives.
- **15.** (original) A composition according to claim **14**, comprising as further additives phenolic antioxidants, light-stabilizers and/or processing stabilizers.
- **16.** (currently amended) A process for reducing the surface energy of organic materials which comprises incorporating therein via extrusion a compound of the formula I

$$R_{1}-X_{1}-O = \begin{bmatrix} O & & & & & & & & & \\ & & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & &$$

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. 0

y.,

wherein

0.5

R₁ and R₂ are each independently -(CF₂)_pF, wherein p is 4 to 15,

R₃ and R₄ are each independently of the other hydrogen, a fluorine containing group, C₁-C₁₂alkyl,

phenyl or
$$\begin{array}{c} O \\ C \\ C \\ C \\ \end{array}$$

or R_3 and R_4 , together with the carbon atom to which they are bonded, form a C_5 - C_8 -cycloalkylidene ring that is unsubstituted or substituted by from 1 to 3 C_1 - C_4 alkyl groups; R_5 , R_6 , R_7 and R_8 are each independently of the other hydrogen, C_1 - C_{12} alkyl or C_3 - C_{12} alkenyl,

X₁ and X₂ are each independently of the other a direct bond or C₁-C₁₂alkylene,

m is 1 to 10'000, and

n is 0 to 10'000; and

where the organic materials are polyester, polyacrylate, polymethacrylate or polypropylene.

17. (canceled)

18. (previously presented) A composition according to claim **10**, where in the compounds of formula I,

$$R_0$$
 is $-C$, R_4

Wig

11.5

R₃ and R₄ are each independently of the other hydrogen, CF₃, C₁-C₁₂alkyl, phenyl or

$$O = \begin{bmatrix} O & R_5 & R_7 \\ C & C & R_6 \end{bmatrix}$$

$$R_0 = \begin{bmatrix} O & R_7 \\ R_8 & C & R_9 \end{bmatrix}$$

$$R_0 = \begin{bmatrix} O & R_7 \\ C & C & C \end{bmatrix}$$

$$R_0 = \begin{bmatrix} O & R_7 \\ C & C & C \end{bmatrix}$$

or R_3 and R_4 , together with the carbon atom to which they are bonded, form a C_5 - C_8 -cycloalkylidene ring that is unsubstituted or substituted by from 1 to 3 C_1 - C_4 alkyl groups;

 R_5 , R_6 , R_7 and R_8 are hydrogen,

X₁ and X₂ are each independently of the other C₁-C₁₂alkylene,

m is 1 to 10'000, and

n is 0 to 10'000.

19. (previously presented) A composition according to claim **10**, where in the compounds of formula I,

$$R_0$$
 is $\displaystyle \begin{array}{c} R_3 \\ -C \\ -R_4 \end{array}$,

R₃ is hydrogen, CF₃, C₁-C₁₂alkyl, phenyl or

 R_4 is hydrogen, CF_3 , $C_1\text{-}C_{12}$ alkyl or phenyl;

or R_3 and R_4 , together with the carbon atom to which they are bonded, form a C_5 - C_8 -cycloalkylidene ring that is unsubstituted or substituted by from 3 C_1 - C_4 alkyl groups;

 $R_{5},\,R_{6},\,R_{7}$ and R_{8} are hydrogen,

X₁ and X₂ are each independently of the other C₁-C₁₂alkylene,

m is 1 to 10'000, and

n is 0 to 10'000.

- **20.** (previously presented) A composition according to claim **10**, where in the compounds of formula I,
- R_0 is $-C_1 C_4$ and R_3 and R_4 are each independently of the other hydrogen or $C_1 C_4$ alkyl or R_3 and R_4

R₄, together with the carbon atom to which they are bonded, form a cyclohexylidene ring.

21. (previously presented) A composition according to claim **10**, where in the compounds of formula I,

 X_1 and X_2 are each independently of the other C_2 - C_8 alkylene.

22. (previously presented) A composition according to claim **10**, where in the compounds of formula I,

m is 1 to 50, and n is 0 to 50.

23. (previously presented) A composition according to claim **10**, where in the compounds of formula I,

$$R_0$$
 is C_{-} , R_{Δ}

 R_3 and R_4 are each independently of the other C_1 - C_4 alkyl;

or R_3 and R_4 , together with the carbon atom to which they are bonded, form a cyclohexylidene ring; R_5 , R_6 , R_7 and R_8 are hydrogen,

X₁ and X₂ are ethylene,

m is 2 to 50,

n is 0 to 50, and

p is 4 to 15.